** ANTARCTICA. 15475.98-CUSB, Sat July 25 at 1636 tune-in via Brasil SDR, another LRA36 special is already early on the air again, asserting ``este es el ritmo de mi tierra``, but I seriously doubt it be genuine traditional Antarctican music. Manuel Méndez, Spain was hearing it already at 1624. Music with occasional IDs, such as 1650 plugging the regular Wednesday broadcast.

1700 officially starting the special, ID in Spanish, says English will be included. 1703 mentions using rhombic antenna but nothing about its heading, surely not due south. 1708 music; 1710 chat with Adrián Korol, head of RAE in Bs. As. BUT 1715 dumps off the air. I keep listening hopefully to the noise. 1738 back on discussing pandemia problems; 1743 ID as special RAE produxion for LRA36, and playing old ``cortina`` = theme for DX program. 1749 I think they say this is running only 1 kW, and e-mail address. 1750 ``llegando al final`` of the RAE/RNASG special between Korol and Fernando Farías, host of both the Spanish and English RAE Argentina To The World programs, and English to follow; music. 1756 plug again `Corazón Antártico` Wednesday show; more music past 1804 and no English yet. 1806 another C.A. plug, more songs.

1822, English segment finally starts, by Fernando Farías intro as on 15476-USB, excited to be doing this 30-minute special on RAE sister station LRA36; 1826 e-mail address; plus Arnaldo Slaen`s classic DX segment, formerly done by Gabriel Iván Barrera; song about Juana Jujuy who in the war for independence was promoted to general, which serves as background music to the DX segment, 1834 outro as sung by the late Mercedes Sosa. 1835 that RAE broadcasts in 8 languages, on website, YouTube (but no mention now of WRMI); QSLRAE@gmail.com but not for this. Rating S4-S5 on the KiwiSDR but quite readable. All the language announcers are not in the studio, an historic building locked down, but working from home. Email for this: tranalra36@radionacional.com.ar --- glad he spelt trana to be sure.

Since Antarctica is free of coronavirus, School #38 for Esperanza kids is still open, the only Argentine one. 1845 plays Waldo de los Rios song for DXers; it was RAE ATTW opening theme for many years. 1849 program is available on Radio Nacional website. 8-language service is only weekly due to CV and aired M-F. 1850 coming to the end of this special. Now mentions RAE being on Miami Radio International, 5800 (but will this Antarctic show air there too?). 1852, thanks to everybody at Esperanza Base; 1854, ``all the best, ciao``. And more and more songs past 1942, few announcements but something unreadable at 1908 (Glenn Hauser, OK, WOR)

{introduxion to the above report copied to LRA36 for special QSL:}

Saludos, tuve el gusto de escuchar su programa especial del 25 de julio, además de otros anteriores. Aunque en años pasados tuve éxito en captar a LRA36 en directo hasta Oclajoma, sé que ahora no es posible más de tal vez una portadora muy débil; así es que escuchaba a través del receptor KiwiSDR en Brasília.

A seguir mis informes ya publicados en fuentes diexistas, incluso el grupo mío io, WOR. Por favor enviarme so eQSL especial? Gracias, Guillermo Glenn Hauser, Enid OK, EUA

** ANTARCTICA. 15475.98-CUSB. After the July 25 LRA36 special supposedly ended, we got word via Horacio Nigro G. that it was being extended all-night until 13 UT July 26! My Brazilian remote is still tuned there as I am about to check it for WOR on WRMI 5800, but July 26 at 0259 nothing from RNASG except a possible trace, as you would expect on 19m in the middle of a winter night (Glenn Hauser, OK, WOR)

** ANTARCTICA. 15475.98-CUSB, July 26 at 1545, LRA36 has supposedly stayed on all night until 1500 but it`s still on, as activity publicity never seems accurately fulfilled; sufficient via Brasil SDR, almost nothing but music; `Ave Maria` nice harmony hymn playing at tune-in, then lots more secular? songs. 1606 mentions Santiago del Estero; 1633 song about Provincia de Santa Fe; 1802 brief talk about the music; 1816 at last canned LRA36 ID and plug `Corazón Antártico` program. Finally cut off about 1833*. I had been listening with half an ear all this time, mainly to WYSU`s pipe organ music. Let`s face it, hardly any of the program content on LRA36 is about *ANTARCTICA*, rather Argentina and lots of music which is hardly Antarctican either (Glenn Hauser, OK, WOR)

** ANTARCTICA. On July 26, I sent my log of the Sat July 25 LRA36 special for QSL, to the address I heard announced, and quoted in my log report, tranalra36@radionacional.com.ar --- but it bounced July 27. So I resent it to an address mentioned in previous publicity: tranalra36@radionacional.gov --- I hope this one be correct. That one just bounced too, immediately. WHAT is the correct one? Bruce Churchill replied: Tranalra36@radionacional.gov.ar --- This is the correct address``. So I try a third time: no bounce, but no reply yet either. Trana is name of the LRA36 person (Glenn Hauser, OK, July 28, WOR)

** ANTARCTICA. Bruce Churchill comments on my not getting an LRA36 eQSL yet: ``Glenn, Sometimes the LRA-36 replies are within hours, but in my experience, it`s more like several days to possibly a month or so. But they will reply, and that’s more than I can say for most SW stations these days ☹… Bruce``. And Manuel Méndez, Lugo, Spain, says: ``The staff of LRA 36 are replying all the reception report received. It will take them several days to answer all of them.

``From the second Saturday of August, LRA 36 probably will be on air every Saturday, 15476 USB mode, repeating the Wednesday's program "Corazón Antártico". It has to be decided if it will be on air the two hours of the show "Corazón Antártico", or 24 hours, with the show and music, like the last USB transmission. On Wednesday, July 29, there will be no program, like the past July 15 and 22, due to announcer's holiday. Next "Corazón Antártico" program will be on air on Wednesday August 5`` (Glenn Hauser, OK, WOR)

** ANTARCTICA. 15475.98-CUSB, eQSL sent and received at 1733 UT July 29 for my LRA36 remote reception of July 25 --- but from RAE itself, not LRA 36: ``QSL de RAE para Glenn Hauser``. It`s very nice with 6 scenic views of different regions of Argentina, not including Antarctica, and no mention of LRA36 by name or of Antarctica. But it does fill in 15476, date and time. I had cc`d to RAE my report to LRA36, so perhaps an eQSL direct from the latter is still pending. The programmation for this was after all produced by RAE so this is not inappropriate, maybe #259 issued as in file name, while I was honored explicitly with #1 for RAE via WRMI in May 2017y, #85 & #86 in my gallery, linked below. This comes from an address other than what I used:
qslrae@logdeargentina.com.ar

Here it is, #96 at
http://worldofradio.com/QSL.html
http://www.w4uvh.net/00000259-QSL.jpg
(Glenn Hauser, OK, WOR)

** CANADA. 248-MCW kHz, July 23 at 0633 UT, ND beacon dash and WG, which is 1000 watts from Winnipeg. Good to hear a Canadian again on LW; some storm noise but lower than usual as nothing lightning much in the Great Center of America, just scattered spots further to the west and east. Also logged several from USA; Q.v. (Glenn Hauser, OK, WOR)

** CANADA. 332-MCW kHz, July 24 at 0609, NDB dash and QT, 1000 watts from Thunder Bay, Ont., overcoming nearby 400-watt IC in WIChita KS

335-MCW kHz, July 24 at 0610, ND beacon dash and YLD barely copiable vs HSNL, i.e. 1000 watts from Chapleau, Ont., which is between Timmins and Sault Ste Marie (Glenn Hauser, OK, WOR)

** CANADA. 346-MCW kHz, July 28 at 0645 UT, NDB dash and YXL, 500 watts from Sioux Lookout, Ontario; tuned to 344-USB at first but also audible on 346.

362-MCW kHz, July 28 at 0647 UT, NDB dash and SB, 500 watts from Greater Sudbury, Ontario; tuned to 361-USB (Glenn Hauser, OK, WOR) See

also USA

** CHINA. CNR1 jammer survey, July 23 at 1354-1400, some audibly Chinese, some JBA carriers: 13530, 13160, 13150, 12880, 12500, 12190, 11170, 11150, 11120, 11100, 10960, 10920, 10820 (Glenn Hauser, OK, WOR)

** CHINA. CNR1 jammer survey, July 24 at 1328-1339, mostly presumed JBA carriers: 13530, 13130, 13020 best S6-S9; 14920, 14900, 14850; 11460, 11440, 11150, 11120, 11100, 11070, 10920, 10845?; 9180, 9215 (Glenn Hauser, OK, WOR)

** CHINA. CNR1 jammer survey July 25 from 1322; many JBA but a few sufficiently audible: none higher than: 13530; 13020; 12870 S5-S8 choppy; 12820; 12795 best S7-S9 also choppy; 12550 S3-S5; 12500 JBAC but with 2-way SSB QRM offset; 12190; 11460; 11440; 11150; 11120; 11100; 11070; 10960; 10920; 10870; none in the lower 9s (Glenn Hauser, OK, WOR)

** CHINA. CNR1 jammer survey, July 26 at 1355-1400: NONE found WOOB in the 13s, 12s, 11s, or 10s, but in the 9s: 9215, 9230 VP in Chinese; I suppose due to depressed propagation rather than operation (Glenn Hauser, OK, WOR)

** CHINA [and non]. CNR1 jammer survey, July 27 at 1352-1400: again none found in the WOOB areas of 13, 12, 11, 10 or even 9 MHz; but there is a poor inband signal on 9680 until 1400* timesignal and off. Is it propagation, or has there been a cutback? N Korea is still propagating poor-fairly on 11735, 11710, self-jamming on 9435, and S Korea on this week`s jumparound 9095.

11440, an hour later at 1454 at least is JBA (Glenn Hauser, OK, WOR)

** CHINA. CNR1 jammer survey July 28 from 1334: mostly weak or even JBA carriers except as noted: 13530 flutter; 13160; 13130; 13020; 12880; 12820 S7-S9; 12500; 12210; 11785 bigsig; 11580; 11520; 11500; 11460; 11440 S6-S9; 11170 S2-S9; 11150; 11100; 11070; 10960; 10920; 9200 (Glenn Hauser, OK, WOR)

** CHINA [non]. 11880, July 27 at 1455, S9+30 of open carrier, so CRI Plus English relay via CUBA at 1500 seems promising tho did not get around to evaluating. There had been reports of this missing, not only from the canceled 14-15 hour (Glenn Hauser, OK, WOR)

** CHINA. CNR1 jammer survey, July 29 at 1405-1410: none at all found in the WOOB areas from 15 to 9 MHz. N & S Korea, Japan are audible. There is a large dropoff of jamming at 1400* altho SOH and other targets may stay on later (Glenn Hauser, OK, WOR)

** CUBA. See USA: WHAS for CMHW 840

** CUBA. 6082-6118, July 23 at 0619, range of splatter out of S9+40 suptorted 6100 RHC English. Something`s always wrong at RHC (Glenn Hauser, OK, WOR)

** CUBA. 9580, July 24 at 0146, CRI English relay is S9+20 but suptorted. Wiggle that patchcord. Something`s always wrong at RadioCuba (Glenn Hauser, OK, WOR)

** CUBA. 6100, July 26 at 0558, RHC English is S9+10/20 but suptorted, and no signal on 2 x = 12200. 6000 is only S9 and also suptorted; 6145 S9 not distorted but undermodulated. 5040 off already. Something`s always wrong at RHC.

Feliz 26; Patria o Suerte, ¡Pensaremos! I am still awaiting photographic evidence that anyone has scrawled this, my contrarian motto on a surface anywhere inside Cuba (Glenn Hauser, OK, WOR)

** CUBA. 11760 >> // 15140, Sunday July 26 at 1501, weekly RHC Esperanto opening; YL mispronounces Ameriko as Amériko; despite seeming fluency cannot escape her native Spanish accentuation for Espo`s invariable penultimate accent, so I don`t even stay tuned to hear her give the wrong schedule. Something`s always wrong at RHC (Glenn Hauser, OK, WOR)

** CUBA. 11634-11635, July 27 at 0133, extremely distorted spurblob at S5-S7 but loud, and tone also audible in FM mode; with similar sound on source 11670 RHC transmitter, and more at 35-36 kHz intervals: 11706, 11742, 11776 vs Brasil 11780.

It so happens that `En Contacto` starts at 0135 UT Monday, Arnie with variety of topix, including ``QSL en el aire`` to someone in Arequipa, Perú for a report of --- 11670! NOTHING said about the spurs it outputs! Arnie says this transmitter and antenna put out 4 megawatts of ERP. Then another report from Brasil of someone hearing English on 15140 at 1900 --- and again no mention of the constantly defective modulation there! And if a QSL on the Air is provided, does that mean you don`t get a hard- or e-copy?? Axually listening on clear 11760; also on 11800 which is suptorted; wiggle that patchcord! Somethings` always wrong at RHC (Glenn Hauser, OK, WOR)

** CUBA. 11670, July 28 at *0011:46.5, RHC carrier cuts on and starts undermodulating Spanish in less than a minute. Arnie`s official sked claims this runs from 23 to 04 UT for Rio de Janeiro, so I have been wondering whether there would be an overlap with REE Spain (q.v.) which on weekdays goes off at 2304*. So I set the ATS-909 to 11669-USB

and waited for a carrier/tone to appear. No collision today, but does it ever start on time at *2300? Something`s always wrong at RHC.

11670 is the current big spurblobber, rather than 13700 in the mornings, likely the same transmitter. At 0020 I check for those: circa 11633 and 11713, but not equally offset, minus 37 and plus 43. Then I go back to the lower and find it spreads as far as 11625 = minus 45. Almost readable listening in FM or AM modes, hum along with the telltale F# tone above Middle C. Also JBA around 11593 but no more on the plus side with inband QRM. Something`s always wrong at RHC (Glenn Hauser, OK, WOR)

** CUBA. 6000, July 28 at 0056, RHC S9+10/20 of dead air in English, then some JBM and suptortion, while // 6145 is sufficient. Something`s always wrong at RHC (Glenn Hauser, OK, WOR)

** CUBA. 11670 and spurblobs, July 29 at 0055-0059 from RHC, about 42 kHz intervals above and below circa 11712, 11754, 11796, 11838, trace 11880, 11923; with F# tone at least; and 11634-11627, 11586, trace 11544. Something`s always wrong at RHC (Glenn Hauser, OK, WOR)

** KOREA SOUTH. 9100, this week`s jumparound frequency, July 25 at 1342, Echo of Hope, S5-S7 in OM Amerenglish news about conflict along the Turko-Syria border involving the PKK; alternating with YL in Korean; presumably olds as language lesson (Glenn Hauser, OK, WOR)

** MEXICO [and non]. 1090, July 23 at 0600 UT, once again KAAY Little Rock AR drops to dead air, so I amplify the opportunity and also null it for what else may right-angly audiblize: Spanish, timecheck for 1 AM, brief announcement mentions milenio.com but I don`t hear a specific ID. The IRCA Mexican Log has lots of details about each station but does not mention milenio in connexion with this or any 1090 station. In fact ``milenio`` does not appear once in the huge file, so such info is beyond its scope.

Wikipedia however soon confirms this: ``XEAU-AM is a radio station on 1090 AM in Monterrey, Nuevo León. It is owned by Multimedios Radio and carries Milenio Radio along with sister station XHFMTU-FM 103.7 HD3.``

ToH is not for news on either station; XEAU plays music, first a familiar instrumental non-Mexican song, and then 0603 one in English before KAAY remodulate at 0605 (Glenn Hauser, OK, WORLD OF RADIO 2044)

** MEXICO [non]. 1090, July 24 at 0601 UT, KAAY Little Rock no longer dead air but filling the news hole with a string of PSAs for suicide, MS, veterans, etc., etc. So our fun is over for now, but worth

periodic rechecking, also at other hourtops. Even nulled not getting much of anything from XEAU tonight. IRCA Mexican Log editor Tim Hall replies to my previous report:

``Reports coming out of Monterrey in recent months (on some Mexican radio groups I belong to on Facebook) have said that XEAU has been jumping back and forth between "FM Tu" //XHFMTU-103.7 and "Milenio Radio"/"Milenio Noticias." There is speculation that they are just about ready to turn off the AM. In my annual Border Inn sessions (last October, a couple months after the deadline for the Mex Log) they were indeed using Milenio Radio slogan. 73 Tim``

Could it be gone for good? I thought AMs were more likely to survive in major cities where FM bands are full (Glenn Hauser, OK, WOR)

** MEXICO. 28166-CW, July 29 at 1925, beacon ``VVV XE2O/B EL05 5W`` with some repeats. Somewhat chirpy and sounds like original recording may have been hand-keyed. Wish I had measured it as I thought it was on the plus side of 28167, but listed by WJ5O as:
``28.166 XE2O C ALLENDE, NL, MEXICO # 5W, VERTICAL  NEW 30 Aug 2010 new call 7 Aug 11`` --- Ciudad de Allende is SE of Monterrey on the way to Montemorelos. Only station audible on the 10m band, sporadic E but MUF way below 88 MHz. See also UNID 27455-USB (Glenn Hauser, OK, WOR)

** MEXICO. FM DX: see USA [and non]

** NIGERIA. 7254.9, July 24 at 0550, VON is already on S9+10/20, prélude of drumming and singing, nice (Glenn Hauser, OK, WOR)

** NORTH AMERICA. 6930-USB, July 24 at 0126, rock music S5-S7 vs HSNL; 0129 ``You are listening to Black Star Radio`` by synth? bass voice. 0153 interrupted by buzz for a few sex, probably my streetlight igniting circa sunset, but not in a position to view it. Keeps going with dense rock and occasional unreadable announcements, nor are the song lyrix, past 0219+ but off at next check 0237. Several logs here agree it was Blackstar Radio,
https://www.hfunderground.com/board/index.php/topic,69772.0.html
between 0042 and 0138 (Glenn Hauser, OK, WOR)

** NORTH AMERICA. 6930-USB, July 26 at 0044, S5-S7 pirate music in noise level. Many logs here say it`s Mix Radio International:
https://www.hfunderground.com/board/index.php/topic,69849.0.html
(Glenn Hauser, OK, WOR)

** NORTH AMERICA. 5150-USB, July 27 at 0127, JBA music vs HSNL. Per
https://www.hfunderground.com/board/index.php/topic,69905.0.html
it`s Radio 48. This area just above Area 51 has become active for

pirates I need to check more often (Glenn Hauser, OK, WOR)

** NORTHERN MARIANA ISLANDS. 13795.049, July 23 at 1438, VP talk, on such an offset must be USAGM here: yes, RFA Cantonese via TINIAN, this hour only (Glenn Hauser, OK, WOR)

** NORTHERN MARIANA ISLANDS. 13755.046, Wed July 29 at 1409, JBA talk on typical offset of USAGM sites here, i.e. RFA Cantonese via TINIAN, this hour only M/W/F. Both before and after this hour, CRI via Kashgar, East Turkistan, is no doubt more precisely on 13755.00 (Glenn Hauser, OK, WOR) {and not jammed, Cantonese not that important}

** OKLAHOMA. 341-MCW, July 23 at 0632 & 1349 UT, NO signal from local Woodring Airport, Enid NDB, EI. Easy go, easy come?

515-MCW, July 23 at 0640 UT, however, PN in Ponca City is back after missing a few days (Glenn Hauser, Enid, WOR)

** OKLAHOMA. 515-MCW, July 29 at 0606, NDB PN Ponca City is off again; and 341-MCW, EI Enid remains off since last report (Glenn Hauser, OK, WOR)

** OKLAHOMA. 95.5-WBFM, July 27 at 2112 UT, ``K-95.5, Tulsa`s New Country`` as KWEN-FM, originally counterpart of KKNG in OKC, holds its own against our 95.7 local tnx to tropo boost after heavy rain. Differs slightly from WTFDA DB listing, ``K-95 FM`` (Glenn Hauser, OK, WOR)

** OKLAHOMA. FM logs: see U S A, mixed in

** SPAIN. 9690, Monday July 27 at 2203, REE with Justin Coe introducing fusion of flamenco and jazz by Daniel García, in the thrice-weekly English service --- this sounds very familiar, and is in fact a re-run of the Monday July 6 broadcast.

11670, Mon July 27 at 2300, REE earworm IS post-sign-off from its weakest frequency here, for Africa until 2304* while much stronger off-the-back instead of -side 12030 for ME continues a bit longer. Meanwhile only the two other frequencies for N&S America, 9690 & 11940 are still programming from 2300 with Portuguese. This is correcting the WRTH July 20 Update which had all four frequencies for that until 2330, but typo for one of them as 2200-2230 M-F. I am really checking whether a collision at 2300 with CUBA, q.v. (Glenn Hauser, OK, WOR)

** TURKEY. 9830, July 24 at 2157, VOT already in programming, not just IS & ID prélude, English about Turkey, maybe opening schedule. VP signal seems slightly offset+plus; as always I have to cope with a local birdie, but at least no NSS RTTY QRM today. By 2200 is off? Or

break or weakening. No, by 2207 I`m on UTwente instead with a good signal, AM synch readout as 9830.021v, and annoying squeal in the modulation which seems always to infect it now. This early it`s not the news but some historical feature, 2208 outro as `This Day in History`, and on to next unID feature. So it seems they are running several minutes fast/early; clock-on-the-wall needs resetting? 2230 and 2251 chex, still squealing with music; I thought they might be signing off early too, but now back in synch, 2255 YL sign off falsely claiming this has been the 1230 broadcast on 15450, 2256 IS and one German ID, but cut off at 2257:20* before spurious German hour can commence today. Something`s always erroneous at Emirler, awry at Ankara (Glenn Hauser, OK, WOR)

** TURKEY. 9830, July 27 at 2200, VOT English is on and NSS-less; 2249 recheck IS already playing after closing (Glenn Hauser, OK, WOR)

** TURKEY. 9830, Wed July 29 at 2230 tune-in via UTwente, VOT English is on today and VG, even without hum, but splash from 9685 which is the orphan CRI ``Portuguese`` service of fill-music-only, via Kashgar; why bother? --- as `Letterbox` is concluding until 2235 with host explaining Turkey`s official line about Kurdistan --- ``just defending our borders`` against PKK, not all Kurds. (The trouble is, the Kurds don`t have any official borders of their own as 4 or 5 adjacent countries gobbled up all their territory including SE part of Turkey where Kurds are majority.) On to next feature; IS plays at 2248-2250*. I set alarm to catch L`box from start at next and last repeat 0315 Thursday on 7275 intruding into the North American hamband (Glenn Hauser, OK, WOR)

** U S A. ND beacons audible now that storm noise level has diminished, July 23 at 0633-0640 UT:

251-MCW, AM, 100 watts from Amarillo TX
326-MCW, MA, 400 watts from Midland TX
332-MCW, IC, 400 watts from Wichita KS --- QRM from a weaker, CZX? Nothing similar listed fits at dxinfocentre.com --- but there it is at classaxe.com which digs deeper:
CZX Crosbyton TX, power unknown. Where`s that? Just east of Lubbock and south of Floydada
341-MCW, OIN, 25 watts from Oberlin KS, in absence of Enid`s EI; but even when EI is on, OIN can be audible too
353-MCW, LI, 400 watts from Little Rock AR; vs 350 RG in OKC, when tuned first to 351-USB.

Another check 1349-1353 after sunrise but maybe some skywave remain:
293-MCW, FBY, 25 watts from Fairbury NE
404-MCW, HU, 25 watts from Hutchinson KS; tuned to 402-USB
See also CANADA; OKLAHOMA (Glenn Hauser, OK, WOR)

** U S A. 379-MCW kHz, July 24 at 0612 UT, ND beacon RUE, 25 watts from Russellville AR; not many in the adjacent-state region arriving tonight except this (Glenn Hauser, OK, WOR) See also CANADA

** U S A. Despite heavy storms in western Kansas heading this way, some ND beacons are audible vs the noise:

388-MCW kHz, July 27 at 0533 UT, OB --- pretty sure of this ID but no matches in either list nor on adjacent frequencies; closest would be OK, 388 in Okmulgee OK, 25 watts.

395-MCW kHz, July 27 at 0542 UT, ULS, 25 watts in Ulysses KS where the storms are.

417-MCW kHz, July 27 at 0543 UT, IY, 25 watts in Charles CItY, Iowa; I was tuned to 415-USB.

420-MCW kHz, July 27 at 0546 UT, PK, 25 watts at Olathe - Herbb KS (Glenn Hauser, OK, WOR)

** U S A. 329-MCW kHz, July 28 at 0642 UT, NDB PMV, which is 25 watts from Plattsmouth NE; QRM from IC 332 Wichita KS.

347-MCW kHz, July 28 at 0646 UT, NDB AFK, 25 watts from Nebraska City NE (Glenn Hauser, OK, WOR) See also CANADA

** U S A. 6993, July 28 at 0054, at least two JBA carriers beating against each other. Time for another occasional log of presumed propagation research stations in Florida. Terry Krueger sent me in April 2016 the FCC CP and license pdf about this, but which I can no longer find on the FCC website, under file number 0388-EX-PL-2015, perhaps because the one-year experimental license expired on July 1, 2016 --- but if renewed perhaps with a different number. No hits on the callsign either, WH2XWF, nor on ASTRA. Anyhow the pertinent info then was:

Atmospheric & Space Technology Research Associates (ASTRA), LLC.

Station Locations
(1) Cross City (DIXIE), FL - NL 29-37-46; WL 83-06-28
(2) Hawthorne (PUTNAM), FL - NL 29-39-42; WL 81-57-26
(3) Inverness (CITRUS), FL - NL 28-47-58; WL 82-18-58
(4) Homosassa (CITRUS), FL - NL 28-44-55; WL 82-33-19
(5) Keystone (HILLSBOROUGH), FL - NL 29-50-40; WL 82-02-24

Each of them on the same four frequencies, all with 164 watts ERP: 4443, 4647, 6769, 6993 kHz. They may be running open carriers only

without IDs or anything, but too weak to be sure. Can anyone confirm whether same ones are still going on 6993?

Closest hits on HF Underground are complaints about a carrier on 6993 QRMing a naughty pirate call on 6995 in 2016, 2017. No significant hits on call or frequency at UDXF iog (Glenn Hauser, OK, WOR)

** U S A. 28289.3-CW, July 25 at 1504, only beacon making it, barely, is WJ5O/B, i.e. proprietor of the beacon reference himself:
``28.2893 WJ5O C TROY ALABAMA # 2W VERTICAL New Frequency 25 Jan 14``
DXMaps.com, run by a ham in Spain, shows some North American sporadic E MUFs occasionally spiking above 88 MHz, typically not worth attempting FMDXing here (Glenn Hauser, OK, WOR)

** U S A. 15825 & 13845, WWCRs are boosted by sporadic E, so I check 10m hambeacons, exact frequencies accepted, not measured, lookups in the WJ5O roster and QRZ.com, July 26:

28225.5-CW, July 26 at 1418, VVV DE W2DLL/B ... ending with K as if anyone should answer. Also listed on 28150 but this is:
``28.2255 W2DLL C BUFFALO, NEW YORK # 20W, DIPOLE  QTH & Power change 25 Sept 11/28 Feb 16``
``W2DLL USA flag USA, Dana L Laurie, Buffalo, NY 14210 USA``

28298-CW, July 26 at 1422, K5TLL/B, slow WPM and strong
``28.298 K5TLL C HATTIESBURG, MISSISSIPPI # 25W, VERTICAL New Freq 14 Dec 08``
``K5TLL USA flag, TERENCE L LOWERY, HATTIESBURG, MS 39402
Beacon station is a Uniden HR-2510, 25 watts ID-O-Matic keyer by http://www.HamGadgets.com ``

28276-CW, July 26 at 1423, VVV DE K - M/B, full call not copiable, but this is the only one that fits frequency, letters, area:
``28.276 K4FUM * LOGANVILLE, GEORGIA # 10W, VERTICAL (*synchronized) on the min)``
``K4FUM USA flag, JERE T SANDIDGE, LOGANVILLE, GA 30052``

28264.3-CW, July 26 at 1446, VVV KD4AOZ/B, fast WPM and QRM from a slightly different pitch/frequency. Copied as AOG but one of us must have missed a dit:
``28.2643 KD4AOZ C WATKINSVILLE, GEORGIA # 10W, OMNI new 19 Jan 14``
``KD4AOZ USA flag, JEFFREY E CROWELL, WATKINSVILLE, GA 30677``

28290-CW, July 26 at 1459, AL DE WJ5O/B:
``28.2893 WJ5O C TROY ALABAMA # 2W VERTICAL New Frequency 25 Jan 14``
(Glenn Hauser, OK, WOR)

** U S A. 18145-USB, July 28 at 1422, AB0RJ, Miles, barely

contacting N1UGW unheard here. Says he is in downtown St Louis so sporadic E under 500 miles.

https://www.qrz.com/lookup/ab0rj
shows ``AB0RJ USA flag, Miles E Sommer, 1825 S 9th St, Saint Louis, MO 63104 USA``
Displays several antenna photos, also dog, motorcycle. Major if not only phone signal on band now. Then I check CB to find it hopping with hets, and on to the 10m beaconband:

28231-CW, July 28 at 1425, dits and WA4FC/B; alternating between dits seem to emit gridsquare, uncopied. Only one noticed but no time to dig deeper; however, still there at 1502 recheck. WJ5O roster:
``28.231 WA4FC I PRINCE GEORGE, VA # 5W, VERTICAL new` 29 July 08``
Previously logged in June, and got a p-mail QSL card.

28300-CW, July 28 at 2012, K6FRC/B sends nothing but callsign as also heard before, more than his 18 milliwatts on 13565:
``28.300 K6FRC C TRACY, CALIFORNIA # 100W, "POGO stick" VERTICAL Freq change 8 July 09`` Only one audible now (Glenn Hauser, OK, WOR)

** U S A. WORLD OF RADIO 2043 monitoring --- this from Harold Frodge:
``7490.02 WBCQ Monticello ME; 2112-2131+, 7/22; Glenn Hauser's World of Radio #2043; item from me at 2123:50 but couldn't copy; mentioned 1680 WPRR Ada MI off the air; WOR to 2129:25 WBCQ ID into Goddess Irina promo. SIO=453+ at tune-in with muted audio till about 2118 when got downright distorted; 2126:13 suddenly much better but still with muted audio (patch cord got wiggled?) Harold Frodge, Midland MI, USA, Drake R8B + 185' RW, ---- All logged by my ears, on my receiver, in real time. ----``

Also confirmed UT Thu July 23 at 0100 on WRMI 7780, VG at UTwente.

WORLD OF RADIO 2044 contents: Antarctica, China, Colombia, Cuba, Ethiopia, Germany, Guyana, India, Korea South, México, North America and non, Philippines, Scotland non, Turkey, USA; and the propagation outlook

WOR 2044 is available as of 0020 UT Friday July 24
(mp3 stream)   http://www.w4uvh.net/wor2044.m3u
(mp3 download) http://www.w4uvh.net/wor2044.mp3

Or via http://www.worldofradio.com/audiomid.html
Also linx to podcast services.

The shortwave broadcasts should be:

0900 UT Friday   Unique Radio NSW 3210-USB

2200 UT Friday   WRMI 9955 to SSE [jammed?]
0130 UT Saturday WRMI 5850 to NE, 5010 to S, 7780 to NE
0700 UT Saturday Unique Radio NSW 3210-USB
1300 UT Saturday WRMI 15770 to NE
1930vUT Saturday WA0RCR 1860-AM
0300vUT Sunday   WA0RCR 1860-AM [nominal 0315; as late as 0400]
0300 UT Sunday   WRMI 5800 to SSE
0700 UT Sunday   Unique Radio NSW 3210-USB
0030 UT Monday   WRMI 7730 to WNW
0130 UT Monday   WRMI 7780 to NE
0230 UT Monday   WRMI 7780 to NE
0300vUT Monday   WBCQ 5130v Area 51 or 6160v to WSW
0330 UT Monday   WRMI 9955 to SSE [jammed?]
0900 UT Monday   Unique Radio NSW 3210-USB
1800vUT Monday   IRRS 7290 Bulgaria to WNW, 594-Italy
0100 UT Tuesday   WRMI 7780 to NE
2100 UT Wednesday WBCQ 7490v to WSW
0100 UT Thursday WRMI 7780 to NE

Full schedule including AM, FM, webcasts, satellite, podcasts:
http://www.worldofradio.com/radioskd.html

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Fredericton NB, for a contribution via PayPal to woradio at
yahoo.com -- not necessarily in US funds as they will convert

One may also contribute via MO or check in US funds on a US bank to:
Glenn Hauser, P O Box 1684, Enid OK 73702 (Glenn Hauser, OK, WOR)

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Colombia, Cuba, Ethiopia, Germany, Guyana, India, Korea South, México,
North America and non, Philippines, Scotland non, Turkey, USA; and the
propagation outlook

WOR 2044 is available as of 0020 UT Friday July 24
(mp3 stream)   http://www.w4uvh.net/wor2044.m3u
(mp3 download) http://www.w4uvh.net/wor2044.mp3

Or via http://www.worldofradio.com/audiomid.html
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** U S A [and non]. WORLD OF RADIO 2044 monitoring: confirmed first
WRMI broadcast, Friday July 24 at 2200 on WRMI, 9955, poor S6-S8 here
but no jamming; only fair at TWR Bonaire SDR.

Also confirmed UT Sat July 25 at 0130 on WRMIs trimulcast: after 0129
double ID on 7780, VP and equally VP on 5010, but VG S9+20/30 on 5850
aimed thisaway; Remotes checked circa 0135: 5010 VG at Bonaire; 7780
unusually VP at UTwente but VG at Maine.

Also confirmed Sat July 25 at 1305 the 1300 on WRMI 15770, JBA here to
the NW like 7780 at night, but presumably much better to the NE.

Has anyone found any of our 2044 podcasts cutting off after 20
minutes? We`ve had a complaint that this one does, also confirmed by
my non-Canadian check:
https://podcasts.apple.com/ca/podcast/glenn-hausers-world-of-radio/id1123369861

Our podcast manager, Keith Weston has just replied:

``Glenn, Thanks for being in touch. I’ve fixed the file so that it
should play back appropriate. It may take iTunes/Apple a day or so to
become aware of the change. And, yes, it’s listed at Apple Podcast,
and it`s replicated at dozens if not thousands of services that use

Apple or Google as templates for their own feeds. It’s in the wild, as they say. Best, - Keith Weston https://keithweston.com`` Next:

1930vUT Saturday WA0RCR 1860-AM
0300vUT Sunday   WA0RCR 1860-AM [nominal 0315; as late as 0400]
0300 UT Sunday   WRMI 5800 to SSE
0700 UT Sunday   Unique Radio NSW 3210-USB
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** U S A. WORLD OF RADIO 2044 monitoring: confirmed UT Sunday July 26 at 0300 on WRMI 5800, fair at Brasilia SDR.

Also confirmed at 0327 midpoint until ending at 0342 UT Sun July 26 on WA0RCR, 1860 AM, Wentzville MO, via Edinburgh IN KiwiSDR, good but with some storm noise. Next:
0700 UT Sunday   Unique Radio NSW 3210-USB
0030 UT Monday   WRMI 7730 to WNW
0130 UT Monday   WRMI 7780 to NE
0230 UT Monday   WRMI 7780 to NE
0300vUT Monday   WBCQ 5130v Area 51 or 6160v to WSW
0330 UT Monday   WRMI 9955 to SSE [jammed?]
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** U S A [and non]. WORLD OF RADIO 2044 monitoring: confirmed UT Monday July 27 at 0030 on WRMI 7730, VG at Austin TX KiwiSDR, close to its aim, and at 0053 check also VG here, S9+20/30.

Also confirmed UT Mon July 27 at 0130 on WRMI 7780, VP S5-S7 here.

Also confirmed UT Mon July 27 at 0230 on WRMI 7780, VG at UTwente.

Also confirmed UT Mon July 27 from 0302 on Area 51 via WBCQ 5130, good at Rochester SDR; here, S9/+10 including high storm noise level from Kansas.

Also confirmed UT Mon July 27 at 0330 on WRMI 9955, JBA here; inaudible on TWR SDRs Bonaire, DR, Boa Vista, but fair at Brasília, good at Maine SDR! Next:

1800vUT Monday   IRRS 7290 Bulgaria to WNW, 594-Italy
0100 UT Tuesday   WRMI 7780 to NE
2100 UT Wednesday WBCQ 7490v to WSW
0100 UT Thursday WRMI 7780 to NE

Full schedule including AM, FM, webcasts, satellite, podcasts: http://www.worldofradio.com/radioskd.html

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** U S A [and non]. WORLD OF RADIO 2044 monitoring: confirmed Monday July 27 from 1800:47.5 on IRRS via BULGARIA 7290, usual VG signal at UTwente SDR and also usual inevitable worble from 7291 and splash from 7280 & 7300. Open carrier at tune-in 1756; a few sex before 1759 JIP fragment of talk about pandemic; few sex before 1800 cut to IRRS sign-on with P O Box in Milano, Feature Story News from Washington, headlines only before WOR start. Seems running intact until recheck just before 1830, my last few words ironically chopped off after ``when I conclude`` before I can finish ``with a standard

disclaimer``. Nevertheless, it still applies.

Also confirmed UT Tue July 28 at 0100 on WRMI 7780, S5-S9 but JBA direct; good at UTwente. Next:
2100 UT Wednesday WBCQ 7490v to WSW
0100 UT Thursday WRMI 7780 to NE

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** U S A. WORLD OF RADIO 2044 monitoring: Ken Zichi, Williamston MI, reports on the Sat July 25 at 1300 airing on WRMI:
``15770 WRMI FL Okeechobee with G Hauser's World of Radio #2044 with items re the usual problems in Cuba, what's revealed now that PMS is not using 6090 [Ethiopia from 0257], KAAY doing 'dead air at ToH, a new update for A-2020 from WRTH among other radio news items. 3+543+3+ 1300-1410 25/Jul SDRplay +SDRuno +FLDigi for the digital bits, +randomwire --Zichi MI`` Next:

2100 UT Wednesday WBCQ 7490v to WSW
0100 UT Thursday WRMI 7780 to NE

Full schedule including AM, FM, webcasts, satellite, podcasts:
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** U S A. WORLD OF RADIO 2044 monitoring: missed checking Wed July 29 at 2100 on WBCQ 7490v: did anyone hear it? Next and last repeat:
0100 UT Thursday WRMI 7780 to NE

Full schedule including AM, FM, webcasts, satellite, podcasts:
http://www.worldofradio.com/radioskd.html

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One may also contribute via MO or check in US funds on a US bank to: Glenn Hauser, P O Box 1684, Enid OK 73702.

WOR 2045 should be ready by early UT Friday July 31 (Glenn Hauser, OK, WOR)

** U S A. 9955, July 27 at 1402, WRMI is still on with anti-ChiCom comments from Freedom Synergy Radio, but gone at 1419 recheck. So it seems running past 1400 weekdays is irregular, unintentional (Glenn Hauser, OK, WOR)

** U S A. 9315-9345, July 24 at 0145, WLCR in English via WBCQ-6 is certainly on 9330 at S9+40/50 such that it`s splattering out over 30 kHz range. Maybe a touch too much modulation (Glenn Hauser, OK, WOR)

** U S A. 9330, July 24 at 1339 & 1509, no signal from WLCR via WBCQ-6; is the schedule deliberately less than 24/7 now, or random breakdowns/maintenance periods? (Glenn Hauser, OK, WOR)

** U S A. Area 51 and WBCQ 7490 webcasts, UT Sat July 25 at 0001 both playing William Tell Overture theme to AAAWWW. Angela is tropically dressed tonight, but they are back in Maine where air conditioning is not really necessary, since the AC in the studio broke years ago; they do have a fan? to cool the equipment. Angela does not like AC anyway as unhealthy.

Allan soon answers my question about why WBCQ-6 is missing from 9330 so much: has been off 6-7 hours in the daytime while riggers and crew have been working to replace supports for transmission lines; in winter winds they had been too loose allowing the lines to short out. Checking Rochester remote, 6160 & 5130 also on now but not synchronized. 0058 recheck, in benedixion, and 7490 on to Hal Turner precisely joined at 0100.

It seemed other frequencies were not on earlier during 23 UT hour, but checked direct at 0101, 6160- and 7490+ about equally good levels with HT while 5130 is in sign-off classical music I am trying to remember what it be. However, at 0104, 5130 joins HT, also // 9455 WRMI. But 0134 recheck, 5130 is off.

9330, July 25 at 1341 is off again, but had been on at night (Glenn Hauser, OK, WOR)

** U S A. 9330, Sunday July 26 at 1351, WLCR via WBCQ-6 is in Spanish as scheduled before switch to English, S9+10/20. Maybe not off for maintenance today? 1917 JBA carrier vs local noise blob (Glenn Hauser,

OK, WOR)

** U S A. 7505, July 24 at 0142, WRNO is still AWOL; does anyone care? (Glenn Hauser, OK, WOR)

** U S A. 17775-, July 24 at 1410, KVOH is on and propagating at S9+10 but dead air except for some hum; or is there a trace of JBM? (Glenn Hauser, OK, WOR)

** U S A. 17775-, Sat July 25 after 1500, JBA carrier? from KVOH here; 1541 checking TWR remotes in Bonaire and noisy DR, definitely JBA carriers, so seems that `Wavescan` at 1500 was going nowhere, even if were modulating unlike yesterday (Glenn Hauser, OK, WOR)

** U S A. 5085, UT Sun July 26 at 0045, WTWW-2 (not 3 as I typoed last time) with Theatre Organ [not] in the Ozarx is underway so I switch to $tereo webcast where it runs until 0100 sharp, so must be on-time for a change at 0030. BTW did you know that WTWW has FOUR transmitters? Not really but the Listen Live dropdown shows TXs 1, 2, 3, and 4, each with different music except PPPP on #1 (Glenn Hauser, OK, WOR)

** U S A. 9605, July 26 at 1353, gospel huxter in English, S9+10/20. Aside from KBS relays at 01-02, WHRI on 9605 only this one hour per week, per EiBi, to Central America (Glenn Hauser, OK, WOR)

** U S A. 5050, July 27 at 0128, S9+30/40 of dead air and then annoying fast busy signal for at least a minute before I get out of there. Someone`s program feed by phone has failed to WWRB; at least confirmed still on air UT Mondays and presumably also Sundays (Glenn Hauser, OK, WOR)

** U S A. 670, July 24 at 0619 UT check, NO IBOC noise from WSCR Chicago infesting 657 & 683 kHz, and may this ever be so (Glenn Hauser, OK, WOR)

** U S A [and non]. 840 kHz, July 28 at 0400 & 0409 UT, WHAS Louisville KY is still on. Earlier, Chris Gay tipped the WOR iog that WHAS had announced it would go off the air at midnight - 0400 UT - for antenna maintenance, duration unknown. I leave a radio on 840 and around 0415 WHAS seems gone but others say it was 0417 or 0418 so it may have been in a fade a bit before. Then listening closely I hear some talk in Spanish, followed by mostly music. #1 suspect is CMHW Santa Clara, CUBA. Considerable splash ACI as if from music, but unseems from WCCO or KOA. When aimed N/S I get a fast SAH presumably involving KVJY in the RGV, also Spanish format, but religion. Not rechecked until 0631 when I still hear Spanish stronger, now definitely Cuban rhythmic music; 0634 WHAS cuts on about iHeart Radio for a few seconds, off again. *0637 WHAS back on again, seemingly to

stay, in `C2CAM` (Glenn Hauser, OK, WOR)

** U S A. 1090, July 26 at 0600 UT, KAAY Little Rock ID as a Cumulus station but again no dead air, just filling with a PSA string; nulling it hears somethings but can`t tell if XEAU, and nothing in Chinese, but heads up on the WOR iog:

``Glenn, for your monitoring of activity on 1090: If you hear Chinese programming, it would be coming from KULF in Bellville, Texas, targeting the Houston market. Although a daytimer, it has been recently noted operating at night, though I haven't checked the past few days. Directional pattern towards the Gulf, but some RF may escape elsewhere. The Chinese programming has been said to originate with some CRI related entity, but I have been unable to verify this. Stephen Luce, Houston, Texas`` (Glenn Hauser, OK, WOR)

** U S A. 1540-, July 27 at 0147 UT, big low het to 1540.0 stations, doubtless KGBC Galveston TX doing it again sporadically.

1560, July 27 at 0147 UT, Vietnamese in the mix but not dominant, doubtless KGOW Bellaire TX; both Houston market; vs a Fox Sports Radio (Glenn Hauser, OK, WOR)

** U S A. 1680, another late night I was not hearing the open carrier from presumed WPRR, but meanwhile this reply about it from Jack Amelar, July 24:

``WPRR 1680 Ada, MI --- Glenn, I am copying you what I am sending to the MARE (Michigan Area Radio Enthusiasts) tip sheet about WPRR 1680 Ada/Grand Rapids MI. I hope you find it at least somewhat informative, and as always, you may reprint any or all if you wish.
73 Jack NY8D

So here’s what I have observed in the past week with 1680 WPRR Ada / Grand Rapids.

1680 WPRR Ada, MI, 0015 July 18, 555 AM EE --- Back on with dead carrier to 0026 when R&B music pops in, ID “The Ride” then dead carrier again at 0037 to 0145 when I quit for the night. Next morning check at 1340 still dead carrier and again 0505 July 19, 1700 July 20 + subsequent checks.

0333 July 22, back on with R&B music, 0336 YL voice “WPRR Grand Rapids”. 0347 ID YL voice “102.5 The Ride”. 102.5 is LPFM W273DD located in Alpine Twp just NW of Grand Rapids. 1348 YL ID “WPRR 102.5 FM The Ride Ada-Grand Rapids”

July 23 1308, on air, 2239 off air, 2347 WTTM Philadlphia fading in.

Found the a website about the new WPRR-AM [1]
“Welcome to 102.5 The Ride, Find all the information of this radio station here very soon!”

And their Facebook page, [2] "102.5 The Ride R&B Station. Grand Rapids M.I. We are back! Steve Harvey, DJ Z Tyrone and Portia Bynum and The Legendary Commissioner Robert S, Womack! Black Radio at it's finest. Black Media Matters.”

Radioinsight [3] reports, “95.3 LPFM W237CZ Grand Rapids sold to Grand Valley State University now relays 88.5 WGVU-FM Allendale. 90.1 WPRR-FM Clyde Twp (NW of Allegan and FWIW very close to the now remote controlled FCC Allegan monitoring station-JA) continues Public Reality Radio.”

For WPRR-FM it appears the website [4] remains but needs updating.

As far as the Movie Theater side of Goodrich Theaters and Broadcasting, according to Wikipedia [5], “In July 2020, Mason Asset Management, Namdar Realty, and VIP Cinemas purchased Goodrich Quality Theaters under the name Goodrich Theater Newco”

[1] https://www.radioking.com/radio/102-5-the-ride
[2] https://www.facebook.com/1025-The-Ride-RB-Station-109255857531096
[3] https://radioinsight.com/headlines/192611/102-5-the-ride-returns-adult-rb-to-grand-rapids/
[4] http://www.publicrealityradio.org/
[5] https://en.wikipedia.org/wiki/Goodrich_Quality_Theaters

As to who owns or will own WPRR is unclear to me.`` (Jack Amelar, Lowell MI via Glenn Hauser, WOR [but too late to include on WOR 2044])

** U S A. 1680+, July 24 at 0558 UT, fast SAH as before between KRJO Monroe LA to the SE and presumed WPRR Ada MI to the NE, no longer open carrier but playing different musix, new format ``The Ride`` as reported by Jack Amelar quoted in last report. Surely a call change will be forthcoming as no longer Public Reality Radio (Glenn Hauser, OK, WOR)

** U S A [and non]. Shortly after I`ve finished hearing ANTARCTICA on HF, tho it`s still musicking, I recheck the DX Map and see the sporadic E MUF has attained some 100+ MHz spots to the SE of here, so now it`s worth an FM DX session; in the car in the hot but at least not directly insolated garage; with secondary DX-398 out the window but seldom helpful. None of the following are strong or steady enough to energize RDS. Vertical caradio antenna only so no DFing or

manipulation. Distances are approx., city-to-Enid. July 25, by UT time order:

1954, 93.5, unID Spanish phone-quality talk briefly over KS, fades

1955, 91.9, politico-religious talk in English holding own against 91.7 KOSU at peaks, but fading as if Es, not Kansas. Back up, virus conspiracy nonsense, 1959 AFA promo, ad for `Mid-East Report`. AFA means the far-Christian American Family Association, which runs the AFR network out of Tupelo MS.

One must first suspect the closest, KBDD Winfield KS, but which is normally inaudible here. Wikipedia shows 14 AFR stations on 91.9 but three of them including KBDD are *former*. Besides a few translators including one in Elk City OK, there are also 91.9s in GA, LA(2), MS, NC, TN, TX, WV. Most likely WASW, Waycross GA, 18 kW, judging from a following GA log. And this one does not reappear during following hour. I went to Wiki since WTFDA Database had no hits on AFA; but yes, if you put full name American Family Radio in Slogan field you get more or less the same 91.9s, 12 of them. Waycross 1543 km = 959 stmi

2001, 95.3 over KOKC translator, surprised to hear something in French as not expecting Canada; even more surprised that it`s a PSA about *Yucatán*, and then into Spanish. Lots of Québec visitors there? The only Yucatecan on 95.3 is:
``XHMH-FM relaying AM 970 95.3 MÉRIDA YUC MEX 25.0 kW H&V 107.0m HAAT 20-57-58 89-37-27 Spanish REGIONAL MEXICAN CANDELA FM`` 1893 km = 1176 st mi

This rings some bells; my previous log in 2013y, June 24: ```0113 on 95.3, ``Candela, La Más Grande``, elexions PSA in Spanish and also in Maya! Then ode to Yucatán sung in Spanish, axually a PSA from El Gobierno del Estado. This is XHMH, 10 kW in Mérida, // 970, says Cantú, and you may recall was briefly relayed several years ago on SW 6105 before that transmitter crashed, for good?```

2002, 97.5, ``ESPN Radio``, CCI, fades. WTFDA shows three translators in CO, NC and PA, and more likely but tentatively:
``KFNC 97.5 MONT BELVIEU TX 3.0 kW H&V 172.0 m HAAT 29-46-07 95-01-05 HD IE88 ESPN - SPORTS ESPN HOUSTON 97.5`` and its booster:
``KFNC-FM1 KFNC 97.5 97.5 HOUSTON TX 2.0 kW H&V 0.0 m HAAT!29-49-06 95-01-04 SPORTS ESPN HOUSTON 97.5`` 779 km = 484 stmi to Belvieu

2004, 99.3, ads for Shaw`s in Tampa(?), and definitely for Town Fair Tires, i.e. Toyo brand, then sports talk, or is it an axual baseball game, before fadeout? But there are no 99.3s in Tampa proper; Shaw`s Grocery and Town Fair Tires both operate *only* in New England. No 99.3s in CT and the other 5 states have at least one but none of much

power. N.E. is not only far out of the PTA now, but beyond normal skip range, e.g. Boston at 1484 miles. No sports formats listed anyway, altho Fort Myers Beach FL has WWCN, 45 kW with ESPN. Could they have been carrying a game vs a N.E. team with local ads from there? I would certainly rather log Block Island... 1868 km = 1161 stmi from FMB

2005, 99.3, very brief Spanish CCI to above before both be gone

2010, 93.3, Jake FM in OKC getting CCI, ads on one, music on other

2012, 96.7, nothing nearby, but CCI, one of which is C&W

2015, 93.1, Spanish music. No SS listed in FL, GA or Yucatan

2016, 95.1, dead air vs CCI; eventually hear some gospel huxter which would be OK, so that leaves Wichita KICT; or a local neighborhood feeder? Continues entire hour and even later. See next below for DX

2023, 95.1, plug for Panama City Beach, ``Mix 95.1``. Of the six FL on 95.1, the one just north of PCB is this:
``WBPC 95.1 EBRO FL 21.0 kW H&V 91.0 m HAAT 30-26-39 85-52-38 58D4 THE BEACH - CLASSIC HITS BEACH 95.1, THE GULF COAST'S GREATEST HITS``
1294 km = 804 stmi

2024, 93.7. unusual CCI to KSPI Stillwater OK, must be DX: ``Y-93.7`` --- but I`m faked out by a fringe groundwaver, the only such non-ID:
``KYEZ 93.7 SALINA KS 100.0 kW H&V 155.0 m HAAT 38-57-14 97-36-29 4FE1 Y93.7 - COUNTRY Y93.7`` 273 km = 170 stmi

2028, 101.5, Spanish ID as ``Radio Salvación, 93.9``. For the record, I know this is merely Okie, the real station repeating an -LP:
``KOCD relaying KWDW-LP 101.5 OKEENE OK 14.0 kWH only 88.0 m HAAT 36-07-11 98-15-45 Spanish 352F kocd SPANISH RELIGIOUS RADIO SALVACIÓN LIBERTAD EN CRISTO MINISTRIES,`` 75 km = 48 stmi

2031, 94.9, unID rock in Spanish, tight squeeze vs 94.7/95.1 Okies

2032, 92.9, Valdosta GA ad, ergo:
``WAAC 92.9 VALDOSTA GA 100.0 kW H&V 153.0 m HAAT 30-48-13 83-21-20 9430 WAACFM 92.9 Country COUNTRY 92.9 ALL AMERICAN COUNTRY`` 1485 km = 922 stmi

2042, 93.5, Spanish 3:43 TC, 21 grados en ``93.5, Estéreo Sentillo``?

I am not at all sure of that word, Sentido would make some sense. I hunt thru the 300+ WTFDA entries on 93.5, and find no slogan similar beyond Cuba, which would be a VG catch almost 1500 miles:
``CMHC-FM 93.5 SANTA CLARA VC CUB 1.0 kWH only 35.0 m HAAT 22-24-26

79-57-50 Spanish VARIETY ESTÉREO CENTRO`` if so, 2323 km = 1444 stmi

A Google search is also unproductive, except that smarty suggests it could be Saltillo, which had not yet occurred to me, and by golly, there is such a station in Coahuila with that slogan:
https://www.multimedios.com/radio/programas/stereo-saltillo-935-fm
altho it does not appear in WTFDA entry; another area not expecting skip from, and rock music fits:
``XHQC-FM 93.5 SALTILLO COAH MEX 15.0 kW H&V -36.0 m HAAT! 25-24-47 101-00-19 Spanish 1314 XHQC-FM SPANISH TEEN HITS - JUVENIL HITS FM`` 1256 km = 780 stmi

2044, 94.9 squeezed, ``M-C-K 94.9`` jingle after ad, and fade out. This must be it, another fringe-area fakeout:
``KNCK 94.9 CONCORDIA KS 100.0 kW H&V 161.0 m HAAT 39-26-19 97-42-16 HOT AC NCK 94.9`` 338 km = 210 stmi

2045, 97.3, QSI ad, Community Structures, which I take to be a business name, but search indicates these could be scientific terms; QSI has too many meanings:
https://acronyms.thefreedictionary.com/QSI
including Quality Solutions Inc., Wichita KS
But then at 2046 a non ID as ``Q-97``, which fits for another non-Es:
``KKJQ 97.3 GARDEN CITY KS 100.0 kW H&V 244.0 m HAAT 37-46-48 100-27-36 2B62 KKJQ THE DAWG - COUNTRY Q 97 FM`` (again at 0030 below) 317 km = 197 stmi

2046, 97.3, vs above station, Spanish DJ fades in, ``Número Uno``, rock, and out again. No hits as a slogan, maybe just generic claim.

2051, 96.5, Spanish ``105 FM`` JBA. Only hit of a Spanish on 96.5 relaying something 105+ is:
``K243BI KBIC 105.7 96.5 WESLACO TX 0.25 kw H&V 50.0 m HAAT 26-09-52 98-00-59 Spanish SPANISH RELIGIOUS RADIO VIDA`` If so, 1138 km = 707 stmi

2051, 95.1, soft Spanish conversation overcomes open carrier, unID

2055, 97.5, Eagle Radio, ad for Candlewood Frame Shop, weather from KSNG Storm Track. Search on the Shop leads right to Manhattan KS. KSNG would be the far Garden City TV satellite of KSNW Wichita, so more likely KSNT in closer Topeka. It must be this near Manhattan:
``KJCK 97.5 JUNCTION CITY KS 100.0 kW H&V 192.0 m HAAT 39-00-53 96-52-12 2802 Top 40 CONTEMPORARY HIT RADIO POWER HITS 97.5``
but the only Eagle slogan on 97.5 WTFDA hits is in Bristol VT. However searching shows there is an Eagle connexion unknown to WTFDA:
https://eagleradio.net/services/radio/kjck
307 km = 191 stmi

So, I am inadvertently exploring fringe Kansas radio along with the real sporadic E DX, which seems diminishing, and I`m ready to cool off.

DX Map shows some more 100+ MHz MUF, so back to the car UT July 26:

0010, 93.3, Jake in OKC getting some CCI but never breaks thru

0012, 95.1, the dead air carrier is still on

0014, 98.3, dead air now, but back later from semi-local KQZQ Kiowa KS just over the border - 88 km = 55 stmi

0015, 101.5, dead air here too from KOCD Okeene as heard earlier

0016, 102.3, ``Classic Communications, thanks for listening`` AF Reserve PSA, fadeout, back wth C.C. weather, low 72, Q-102. The C-C- name is missing from WTFDA but obviously this:
``KWDQ 102.3 WOODWARD OK 100.0 kW H&C 264.5 m HAAT 36-22-31 99-28-31 4A76 Title & Artist KWDQ PURE ROCK Q102.3 WOODWARD PURE ROCK Q102``
136 km = 85 stmi

0023, 96.5, Mix 96.5 Tulsa with CCI in Spanish; 0025 partial ID for ``---- y 96.5 FM`` maybe after an AM frequency

0030, 97.3, promo app to get KKJQ Q-97, again, see above at 2045 (Glenn Hauser, Enid OK, WOR)

UNIDENTIFIED. Trans-Pacific JBA MW carrier search, July 24 at 1122-1130: I haven`t done this since March 13 once DST was in effect, as I dearly want to sleep past sunrise, staying awake usually until 0630 or so UT. But I happen to awaken today at 1120 so I risk making a check. There might well have been many more instances even in deep spring/summer had I searched. Sometimes I use the DX-398 with internal ferrite, which allows DFing whether signals be from Asia to the NW or Pacific WSW, but this time it`s the R75 for greater gain but E-W longwire, so no DFing. Usually both preamps are off to minimize overloading, but this time I need at least #1 to get enough signals to detect, by 9-kHz step tuning USB at 1 kHz below the channels to hear tell-tale 1 kHz hets. LSR today is 1132 UT, and if any on the low end, have already outfaded. The rest are just this side of imagination-level, and are typical from Pacific rather than Asia, altho some could be either:

738, 774, 828, 837, 855, 882, 936(2 beating), 1017, 1098, 1152, 1161, 1314, 1566? 936 pair are intriguing: no higher powers than two 10 kW eastern Aussies, and a 1 kW NZer. East Asia has 200 kW from China, 50

from Thailand.

I don`t get back to sleep by 1200, but keep trying and maybe get a few winx past 1300. It shall be another 5 weeks before our SR laten to 1200 when some NHK timepips might audiblize like in March, but that will still be 7 am CDT while I want to keep sleeping (Glenn Hauser, OK, WOR)

UNIDENTIFIED. Trans-Atlantic JBA MW carrier search, July 27 at 0155: nothing lower but a JJBBA het from 891 upon WLS, doubtless the Algerian which makes it if any (Glenn Hauser, OK, WOR)

UNIDENTIFIED. 4736.5-4740-4743.5, July 29 at 0040, strange multitonal sending over this range, at first almost musical but could not resolve it with any SSB tuning (Glenn Hauser, OK, WOR)

UNIDENTIFIED. 6965-AM, July 28 at 0055, JBA carrier, maybe trace of music, pirate? Nothing in HFU (Glenn Hauser, OK, WOR)

UNIDENTIFIED. 6970, July 27 at 0125, JBA AM carrier, maybe a pirate or mixing product. Nothing recent on HFUnderground. With bonker QRM from about 6973 (Glenn Hauser, OK, WOR)

UNIDENTIFIED. 12543-USB, July 25 at 1328, 2-way in Spanish, OM mentions puta and much weaker answeress sounds feminine (Glenn Hauser, OK, WOR)

UNIDENTIFIED. 14745.190, July 29 at 1413, JBA signal, perhaps Sound of Hope, listed by EiBi not here but as close at 14725.3 and 14774.7 (Glenn Hauser, OK, WOR)

UNIDENTIFIED. 15867-USB, July 23 at 1434, 2-way in Amerenglish, maybe military; nothing further but merits further surveillance. Search of UDXF iog hits USCG/DHS net recently logged (Glenn Hauser, OK, WOR)

UNIDENTIFIED. 27455-USB, July 29 at 1922, Spanish freebander pileup, Guatemala mentioned, as sporadic E struggles to maximize its frequency. A good time to check for Ulis` 7th harmonic of TGAV on 28385 but still no sign of it (Glenn Hauser, OK, WOR)